

IN THE SPECIFICATION

Please replace the paragraph at page 1, lines 12-19, with the following rewritten paragraph:

This patent specification relates to a system and a method for creating and editing structured parts list information, and a computer accessible storage medium configured to store structured parts list creating and editing programs, which are provided for a computer to execute, ~~for a computer to execute~~, for components incorporated into a variety of systems such as circuit boards for electronic or electrical circuits, electronic apparatuses, manufacturing machines, engineering machines and other similar systems.

Please replace the paragraph at page 1, line 25, to page 2, line 7, with the following rewritten paragraph:

~~When designing~~ Designing new circuits ~~are proceeded~~ proceeds in such a way that ~~there needed are~~ several procedures are needed, such as providing alteration to previous circuit boards, and designing new circuit boards. In addition, another procedure has to be added to supplement parts information related to new parts, into a structured parts table which was prepared to tabulate various parts arranged on the previous electronic boards, such as resistors, capacitors, ICs and others. The above noted new parts are to be included to materialize newly designed functions of the circuits, and information thereof has to be included as indicted above.

Please replace the paragraph at page 2, line 26, to page 3, line 4, with the following rewritten paragraph:

In a case where the structured parts list is updated based on these old data or catalogues, ~~there may gives rise to~~ undesirable effects may arise, in which recreating

structured parts table, parts substitution to other ones, or even the change in the initial design may become necessary, thereby incurring undue waste of time in the designing steps, among others.

Please replace the paragraph at page 3, lines 5-16, with the following rewritten paragraph:

Further, this may also ~~causes~~ cause additional drawbacks, which may possibly be realized after proceeding to the manufacturing phase, such that some of the parts in the structured parts table are not available, or desirable functions which are specified presently cannot be met. This may cause a considerable increase in manufacturing costs to amend the parts selection and processes, and even difficulty in manufacturing designed boards. Work efforts up to this point may therefore be wasted and process steps from designing through manufacturing have to be repeated. As a result, the above steps are considerably delayed and new products may not ~~be input timely into~~ reach the market timely, thereby incurring considerably loss to efficient electronic circuit board manufacturing.

Please replace the paragraph at page 4, lines 3-15, with the following rewritten paragraph:

A system for creating ~~and~~ and/or editing (creating/editing) structured parts list information disclosed herein includes at least a structured parts list information storage unit configured to store structured parts list information on components including a plurality of kinds of parts[.]; a parts information storage unit configured to store parts information on a plurality of parts; a parts information list creating/editing unit configured to retrieve parts information on respective parts, stored in the structured parts list information storage unit, and create a parts information list; and a structured parts information list creating/editing unit

configured to create updated structured parts list information based on the parts information list created by the parts information list creating/editing unit.

Please replace the paragraph at page 5, lines 1-2, with the following rewritten paragraph:

The predetermined items on respective parts may include at least packaging density (or, density of mounted parts), arrangement, and operation verification.

Please replace the paragraph at page 11, line 25, to page 12, line 6, with the following rewritten paragraph:

The resource DB 1 consists primarily of a storage unit including at least hard disks and/or optical disks. The resource DB 1 is configured to operate as a data base (structured parts list information storage means) which stores a plurality of pieces of structured parts list information related to both previously designed electronic circuit boards and known electronic circuit boards. In addition, to each of the above structured parts list information of the electronic circuit boards, retrieval information is further provided as a keyword.

Please replace the paragraph at page 18, line 20, to page 19, line 1, with the following rewritten paragraph:

The retrieval of desirable circuit boards information is carried out with the thus prepared pieces of the retrieval information through and-, or or-retrieval steps. In addition, based on structured parts list information of the thus retrieved electronic circuit board, corresponding parts information can be retrieved and readout from the approved parts DB 2. Further, parts information regarding the other parts having comparable functions may also be

~~retrievesd~~ retrieved and readout based on respective items included in the readout parts information.

Please replace the paragraph at page 22, lines 1-11, with the following rewritten paragraph:

Referring to FIG. 5, when a keyword in the retrieval key input column 10 is selected during the process steps, corresponding to a certain presently desired item among various items such as unit or part class, PCB name, manufacturing location, PCB part number, part name (part number), and model status (model number), ~~there~~ displayed in retrieval result display column 11 is a table containing the portions of retrieval information retrieved from the resource DB 1 concerning to corresponding electronic circuit boards. In addition, more detailed information is displayed in retrieval result display column 12, concerning to a certain electronic circuit board selected among the boards in the table.

Please replace the paragraph at page 22, lines 15-23, with the following rewritten paragraph:

Referring to FIG. 6, when a desired electronic circuit board is selected during the process steps among the boards retrieved as ~~deseried~~ described just above, and when a resource input instruction is input, parts information concerning to the electronic circuit board corresponding to those presently selected is retrieved from the approved parts DB 2 based on the structured parts list information of the above selected electronic circuit board, and the resulting parts information is displayed in parts information list column 13 on the display.

Please replace the paragraph at page 33, lines 4-14, with the following rewritten paragraph:

The compatibility prediction information output unit 7 is configured to carry out the several following processing operations, ~~which follows~~. Namely, based on the parts information list created/edited/re-edited by the resource parts list creating/editing unit 3, the output unit 7 examines several items such as, for example, printed-wiring board (PWB) packaging density, PWB manufacturing cost, ~~parts floorplan~~ floorplanning of parts, and simulation (circuit operation verification); and prepares decision information for compatibility prediction based on the results from the above examination, then instructs to display both the thus prepared decision information and the results from the above examination on the display unit 5.

Please replace the paragraph at page 37, lines 14-20, with the following rewritten paragraph:

The process then proceeds to Step 9. In Step 9, an inquiry is made whether an instruction for re-edition is detected. If the response to the inquiry is affirmative, the process returns to ~~Step~~ Step 6 to re-edit the structured parts list information, examines the above noted several items, and instructs to display the examination results. In contrast, if the response to the inquiry is negative, it is determined that the parts information list is completed, and the process ends.

Please replace the paragraph at page 38, lines 1-11, with the following rewritten paragraph:

Referring to FIG. 5, when a keyword in the retrieval key input column 10 is selected during the process steps, corresponding to a certain presently desired item among various

items such as unit or part class, PCB name, manufacturing location, PCB part number, part name (part number), and model status (model number), ~~there~~ displayed in retrieval result display column 11 is a table containing the portions of retrieval information from the resource DB 1 concerning to corresponding electronic circuit boards. In addition, more detailed information is displayed in retrieval result display column 12, concerning to a certain electronic circuit board selected among the boards in the table.

Please replace the paragraph at page 39, lines 19-26, with the following rewritten paragraph:

As described herein above, based on the structured parts list information concerning to previously manufactured electronic circuit boards, updated structured parts list information is thus ~~creating/edited~~ created/edited after incorporating new capabilities, stored into the storage unit 6, examined concerning to several items, and determined following the aforementioned compatibility prediction, to subsequently be transferred to the succeeding manufacturing steps of the electronic circuit board fabrication.

Please replace the paragraph at page 41, lines 2-12, with the following rewritten paragraph:

Although there is detailed so far in the present embodiment, on a rather specific system construction of the creating/editing system in exclusive use for the above noted structured parts list creating/editing process steps, the above noted creating/editing process steps may also be carried out with [[a]] an information processing apparatus such as, for example, a conventional personal computer, in which programs for the above noted process steps is are installed in a storage medium such as, for example, a floppy disk and optical disk,

then executed by a control unit in the information processing apparatus (functional units embodied in the apparatus such as CPU,ROM, RAM and other similar devices).

Please replace the paragraph at page 47, lines 19-22, with the following rewritten paragraph:

The resource DB 2 also consists primarily of a storage unit including at least hard disks and/or optical disks. This resource DB 2 is configured to operate as a data base (parts information storage means) which ~~register~~ registers a plurality of pieces of parts information.

Please replace the paragraph at page 54, line 26, to page 55, line 5, with the following rewritten paragraph:

The process then proceeds to Step 9. In Step 9, an inquiry is made whether an instruction for re-edition is detected. If the response to the inquiry is affirmative, the process returns to ~~Steep~~ Step 6 to re-edit the structured parts list information, examines the above noted several items, and instructs to display the examination results. In contrast, if the response to the inquiry is negative, it is determined that the parts information list is completed, and the process ends.

Please replace the paragraph at page 55, lines 13-23, with the following rewritten paragraph:

Referring to FIG. 5, when a keyword in the retrieval key input column 10 is selected during the process steps, corresponding to a certain presently desired item among various items such as unit or part class, PCB name, manufacturing location, PCB part number, part name (part number), and model status (model number), ~~there~~ displayed in retrieval result display column 11 is a table containing the portions of retrieval information from the resource

DB 1 concerning to corresponding electronic circuit boards. In addition, more detailed information is displayed in retrieval result display column 12, concerning to a certain electronic circuit board selected among the boards in the table.

Please replace the paragraph at page 55, line 27, to page 56, line 8, with the following rewritten paragraph:

Referring to FIG. 6, when a desired electronic circuit board is selected during the process steps among the boards retrieved as ~~deseried~~ described just above, and when a resource input instruction is input, parts information concerning to the electronic circuit board corresponding to those presently selected is retrieved from the approved parts DB 2 based on the structured parts list information of the above selected electronic circuit board, and the resulting parts information is displayed in parts information list column 13 on the display.

Please replace the paragraph at page 57, lines 16-21, with the following rewritten paragraph:

Subsequently, a desired model is selected through inputting operations of simulation model ~~parameters~~ parameters among a model simulation net, or a variety of pieces of simulation model information formed beforehand based on technical requirements foreseen for the circuit board fabrication, and then input parameters for the presently selected model.

Please replace the paragraph at page 74, lines 14-20, with the following rewritten paragraph:

The process then proceeds to Step 9. In Step 9, an inquiry is made whether an instruction for re-edition is detected. If the response to the inquiry is affirmative, the process returns to ~~Steep~~ Step 6 to re-edit the structured parts list information, examines the above



noted several items, and instructs to display the examination results. In contrast, if the response to the inquiry is negative, it is determined that the parts information list is completed, and the process ends.

Please replace the paragraph at page 77, lines 4-9, with the following rewritten paragraph:

Subsequently, a desired model is selected through inputting operations of simulation model ~~parameters~~ parameters among a model simulation net, or a variety of pieces of simulation model information formed beforehand based on technical requirements foreseen for the circuit board fabrication, and then input parameters for the presently selected model.